



Figure 338: Correlation dialog

### Input range

Specifies the cell range containing the source data.

### Results to

Specifies the top left cell of the results area. When you run the tool, it will fill out the correlation coefficient table starting at this cell.

### Columns / Rows

Specifies whether the data to be analyzed is organized in columns or rows.

### Tip

Use the **Shrink** / **Expand** buttons next to the *Input range* and *Results to* fields if you need to shrink the dialog while selecting cells with the mouse.

To illustrate how to use this tool, we again use the data set from Figure 334. Figure 339 shows the six correlation coefficients generated for this input data using the settings shown in Figure 338.

E	F	G	H
Correlations	Column 1	Column 2	Column 3
Column 1	1		
Column 2	-0.402925	1	
Column 3	-0.210764	0.230971	1

Figure 339: Correlation results

### Tip

For more information on statistical correlation, refer to the corresponding Wikipedia article at [https://en.wikipedia.org/wiki/Correlation\\_and\\_dependence](https://en.wikipedia.org/wiki/Correlation_and_dependence).

## Covariance tool

The Covariance tool measures how much two sets of numeric data vary together. Select **Data > Statistics > Covariance** on the Menu bar to access the Covariance dialog (Figure 340).